

ABSTRACT OF THE DISCLOSURE

Antimisting additives are used in crosslinkable silicone coating compositions for reducing aerosol formation, the antimisting additives being alkenyl-functional siloxane copolymers prepared by reacting a hydrocarbon
5 containing at least three aliphatic double bonds, and with an organosiloxane (2) having terminal Si-bonded hydrogen atoms in the presence of a hydrosilylation catalyst (3) at a ratio of Si-bonded hydrogen to aliphatic double bonds of from 1.3 to 10, and subsequently reacting the resulting SiH-containing hydrocarbon-siloxane copolymer with an α,ω -dialkenylsiloxane polymer (4) in the presence
10 of a hydrosilylation catalyst (3) at a ratio of aliphatic double bonds to Si-bonded hydrogen of from 1.2 to 10, and optionally, in another step, equilibrating the resulting alkenyl-functional siloxane copolymers with an organopolysiloxane (5).